

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031645.D
 Acq On : 26 Sep 2022 12:02
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 26 12:29:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 26 12:07:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	65717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	99993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69423	48.442	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.880%		
35) Dibromofluoromethane	5.385	113	58353	49.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.600%		
50) Toluene-d8	8.653	98	227260	57.046	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	114.100%#		
62) 4-Bromofluorobenzene	11.079	95	91946	68.137	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	136.280%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37334	39.513	ug/l	99
3) Chloromethane	1.288	50	37013	29.528	ug/l	99
4) Vinyl Chloride	1.374	62	50783	35.529	ug/l	98
5) Bromomethane	1.611	94	52979	26.031	ug/l	91
6) Chloroethane	1.685	64	65061	42.181	ug/l	99
7) Trichlorofluoromethane	1.886	101	129490	39.940	ug/l	99
8) Diethyl Ether	2.130	74	42147	37.745	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	39031	36.886	ug/l	92
10) Methyl Iodide	2.453	142	45448	44.393	ug/l	99
11) Tert butyl alcohol	3.014	59	47824	145.918	ug/l	95
12) 1,1-Dichloroethene	2.319	96	34811	34.031	ug/l	90
13) Acrolein	2.239	56	22415	150.172	ug/l	97
14) Allyl chloride	2.666	41	53802	32.253	ug/l	91
15) Acrylonitrile	3.068	53	115976	182.861	ug/l	99
16) Acetone	2.392	43	88875	154.431	ug/l	95
17) Carbon Disulfide	2.508	76	72533	26.317	ug/l	99
18) Methyl Acetate	2.709	43	57266	31.797	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	152153	41.128	ug/l	99
20) Methylene Chloride	2.788	84	43429	33.063	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	44696	38.694	ug/l	91
22) Diisopropyl ether	3.757	45	156739	43.390	ug/l #	82
23) Vinyl Acetate	3.721	43	637690	206.423	ug/l	95
24) 1,1-Dichloroethane	3.611	63	80491	39.430	ug/l	99
25) 2-Butanone	4.568	43	168243	180.817	ug/l	95
26) 2,2-Dichloropropane	4.477	77	71128	39.445	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	57324	41.176	ug/l	89
28) Bromochloromethane	4.897	49	41729	51.170	ug/l #	82
29) Tetrahydrofuran	5.013	42	111624	183.956	ug/l	87
30) Chloroform	5.093	83	108018	48.246	ug/l	97
31) Cyclohexane	5.471	56	67981	38.030	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	92738	45.603	ug/l	98
36) 1,1-Dichloropropene	5.690	75	69314	43.610	ug/l	97
37) Ethyl Acetate	4.721	43	72261	38.109	ug/l	98
38) Carbon Tetrachloride	5.678	117	80122	45.478	ug/l	96
39) Methylcyclohexane	7.379	83	76375	39.054	ug/l	91
40) Benzene	6.037	78	211318	44.565	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36565	38.731	ug/l	92
42) 1,2-Dichloroethane	6.092	62	86179	49.308	ug/l	99
43) Isopropyl Acetate	6.342	43	118228	40.568	ug/l	97
44) Trichloroethene	7.129	130	57867	43.041	ug/l	91
45) 1,2-Dichloropropane	7.434	63	51133	42.898	ug/l	97
46) Dibromomethane	7.580	93	40907	44.585	ug/l	93
47) Bromodichloromethane	7.824	83	79285	45.961	ug/l	97
48) Methyl methacrylate	7.696	41	52504	39.435	ug/l	88
49) 1,4-Dioxane	7.708	88	25813	848.949	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	382000	203.791	ug/l	95
52) Toluene	8.720	92	153229	49.548	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	88180	49.398	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	86825	44.474	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	65209	51.173	ug/l	99
56) Ethyl methacrylate	9.116	69	91235	50.340	ug/l	92
57) 1,3-Dichloropropane	9.311	76	102760	49.141	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	207670	296.383	ug/l	92
59) 2-Hexanone	9.433	43	290473	206.335	ug/l	93
60) Dibromochloromethane	9.519	129	73192	54.090	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71747	52.264	ug/l	98
64) Tetrachloroethene	9.275	164	63185	41.817	ug/l	96
65) Chlorobenzene	10.079	112	175314	45.192	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	66764	47.700	ug/l	99
67) Ethyl Benzene	10.195	91	302422	44.153	ug/l	99
68) m/p-Xylenes	10.305	106	252806	91.843	ug/l	95
69) o-Xylene	10.640	106	125412	47.734	ug/l	94
70) Styrene	10.659	104	208090	48.105	ug/l	98
71) Bromoform	10.799	173	53032	47.355	ug/l #	97
73) Isopropylbenzene	10.963	105	329192	42.586	ug/l	100
74) N-amyl acetate	10.841	43	113116	36.103	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	104619	40.145	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	93730m	40.570	ug/l	
77) Bromobenzene	11.201	156	80268	42.132	ug/l	95
78) n-propylbenzene	11.305	91	383293	43.099	ug/l	99
79) 2-Chlorotoluene	11.366	91	226568	42.801	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	290644	44.304	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27515	38.347	ug/l	96
82) 4-Chlorotoluene	11.457	91	269473	43.378	ug/l	98
83) tert-Butylbenzene	11.713	119	284131	44.687	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	291735	45.155	ug/l	100
85) sec-Butylbenzene	11.890	105	355806	44.218	ug/l	99
86) p-Isopropyltoluene	12.012	119	312362	45.971	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	164568	45.066	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	167325	43.931	ug/l	99
89) n-Butylbenzene	12.335	91	254001	43.885	ug/l	98
90) Hexachloroethane	12.542	117	51154	43.814	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	166812	45.363	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23740	44.694	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	97194	47.968	ug/l	98
94) Hexachlorobutadiene	13.725	225	34862	43.075	ug/l	97
95) Naphthalene	13.774	128	341992	46.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	98536	47.182	ug/l	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

